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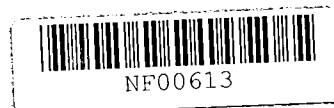
# **Microgravity Science and Applications Bibliography—1984 Revision**

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NASA Technical Memorandum 86651

# Microgravity Science and Applications Bibliography—1984 Revision

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*Universities Space Research Association*  
*Washington, D.C.*



National Aeronautics  
and Space Administration

Scientific and Technical  
Information Branch

1984

## FOREWORD

This edition of the Microgravity Science and Applications (MSA) Bibliography is a comprehensive compilation of Government reports, contractor reports, conference proceedings, and journal articles dealing with flight experiments utilizing a low-gravity environment to elucidate and control various processes, and with ground-based activities that provide supporting research. It encompasses literature published but not cited in the 1983 Revision, and literature published during the past year.

All papers are on file and copies can be made available to workers in the field on request to the bibliographer.

Any omissions that might have occurred are sincerely regretted. Investigators are encouraged to submit to the bibliographer, information on any work that was inadvertently omitted, or any new work, for inclusion in next year's edition of the Bibliography. All correspondence concerning corrections, additions, or deletions to the Microgravity Science and Applications Bibliography should be directed to: Elizabeth Pentecost, Bibliographer, Code EN-1, NASA Headquarters, Washington, DC 20546.

Richard E. Halpern, Director  
Microgravity Science and  
Applications Program

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**I. MICROGRAVITY SCIENCE AND  
APPLICATIONS PROGRAM**

#### **A. U. S. PROGRAM**

## Electronic Materials

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